

CLAIMS

We claim:

1 1. A golf cart enclosure, comprising:

2 a support structure having two lateral frames, each frame
3 being disposed on one side of said enclosure, a front cross bar
4 disposed across a front end of said enclosure between said
5 lateral frames, and a rear cross bar disposed across a rear end
6 of said enclosure between said lateral frames, each of said
7 lateral frames comprising a front vertical member, a center
8 vertical member, a rear vertical member, a top horizontal member
9 disposed across said front, center and rear vertical members, and
10 a bottom horizontal member disposed across said front vertical
11 member and said center vertical member;

12 a roof secured on top of said support structure;

13 a front bib, defining a front hood portion of said
14 enclosure, secured to the front vertical members of said lateral
15 frames;

16 a rear bib, defining a rear baggage area of the golf cart,
17 secured to the rear vertical members of said lateral frames;

18 a front windshield mounted onto the support structure at the
19 front end of said enclosure;

20 a rear windshield mounted onto the support structure at the
21 rear end of said enclosure; and

22 a side door assembly disposed along each of said lateral
23 frames;

24 whereby said enclosure is fitted to an existing golf cart
25 chassis to provide a complete weatherproof enclosure for a golf
26 cart.

1 2. The golf cart enclosure according to claim 1, further
2 comprising a pivoting wheel access member pivotally connected to
3 a bottom portion of said rear vertical frame member on each of
4 said lateral frames.

1 3. The golf cart enclosure according to claim 1, wherein
2 said support structure is secured to the chassis of the golf cart
3 by a plurality of bolts.

1 4. The golf cart enclosure according to claim 1, wherein
2 said roof comprises a generally rectangular main body with a top
3 surface and a bottom surface, and a plurality of bonded studs
4 disposed along the bottom surface of said roof, whereby said roof
5 is secured to said front cross bar and said rear cross bar by
6 said bonded studs.

1 5. The golf cart according to claim 1, wherein said front
2 windshield is mounted on top of the front bib and secured to the
3 front vertical members of said lateral frames.

1 6. The golf cart according to claim 1, wherein said front
2 windshield comprises a fixed bottom portion, a slidably
3 adjustable top portion and an adjustable fastener for securing
4 said top portion in a desired position.

1 7. The golf cart according to claim 6, wherein said
2 adjustable fastener comprises a pair of magnets disposed on
3 either side of said top portion.

1 8. The golf cart according to claim 1, wherein said rear
2 windshield comprises a right portion and a left portion, said
3 right portion and said left portion being slidably adjustable
4 from a closed position to an open position.

1 9. The golf cart according to claim 1, wherein each of said
2 side door assemblies comprises a forward side door and a rearward
3 side door, wherein said forward side door and said rearward side
4 door are mounted to the roof of said enclosure.

1 10. The golf cart enclosure according to claim 9, further
2 comprising a pair of track members, each having a plurality of
3 door receiving tracks, disposed along the bottom surface of said
4 roof on either side of said roof, wherein said forward doors and
5 said rearward doors are slidably secured to said track members.

1 11. The golf cart enclosure according to claim 1, further
2 comprising a protective back panel disposed along each of said
3 lateral frames between the rear vertical frame member and the
4 center vertical frame member.

1 12. The golf cart according to claim 11, further comprising
2 an access opening disposed between the rear vertical frame member
3 and the center vertical frame member underneath said protective
4 back panel.

1 13. The golf cart according to claim 1, further comprising
2 an elongate wheel access member pivotally secured to the bottom
3 portion of said vertical frame member on each of said lateral
4 frames.

1 14. The golf cart enclosure according to claim 1, further
2 comprising a baggage area cover secured to said roof by a cover
3 bracket, wherein said baggage area cover comprises a flexible,
4 waterproof sheet for protecting the contents of the baggage area.

1 15. The golf cart enclosure according to claim 6, further
2 comprising a windshield adjustment knob secured to the top
3 portion of said windshield and a knob retaining strap secured to
4 the bottom surface of said roof having a pair of knob receiving
5 holes, whereby said adjustment knob secures said front windshield
6 in an open position when received in a first of said knob

7 receiving holes and in a closed position when received in a
8 second of said knob receiving holes.

1 16. The golf cart enclosure according to claim 1, wherein
2 said support structure is made from generally rectangular, hollow
3 steel tubes.

1 17. The golf cart enclosure according to claim 1, wherein
2 said front bib and said roof are each made from one piece fiber
3 glass moldings.

1 18. The golf cart according to claim 1, wherein said rear
2 bib is made from a single piece of sheet aluminum.

1 19. The golf cart enclosure according to claim 6, whereby
2 said forward side door and said rearward side door are made from
3 impact resistant polycarbonate panels.

1 20. The golf cart enclosure according to claim 1, whereby
2 said front windshield and said rear windshield are made from
3 impact resistant polycarbonate panels.